

What is claimed is:

1. A chair comprising:
  - a base;
  - a seat plate supported above said base;
  - a seat pan slidably mounted to said seat plate so as to be slidable in the longitudinal direction;
  - and
  - longitudinally operating means for sliding said seat pan in a longitudinal direction with respect to said seat plate.
2. The chair of claim 1 wherein said seat pan comprises a means for receiving said longitudinally operating means.
3. The chair of claim 2 wherein said receiving means comprises a guide channel formed in said seat pan.
4. The chair of claim 3 wherein said guide channel is oriented longitudinally with respect to said chair.
5. The chair of claim 1 wherein said longitudinally operating means further comprises means for locking said seat pan in a fixed longitudinally position relative to said seat plate.
6. The chair of claim 5 wherein said locking means comprises transversely movable means for engaging said seat plate.
7. The chair of claim 6 wherein said transversely movable means for engaging said seat plate are moved by said longitudinally operating means.
8. The chair of claim 7 wherein said seat plate comprises a plurality of notches and said receiving means comprises at least one aperture, said engaging means being movable between an extended position wherein said engaging means extend through said apertures to

engage at least one of said plurality of notches, and a retracted position wherein said engaging means are retracted from said apertures so as not to engage said notches.

9. The chair of claim 8 wherein said longitudinally operating means comprises guide means for guiding the movement of said engaging means.

10. The chair of claim 9 wherein said engaging means comprises a boss received within said guide means such that said engaging means move in response to movement of said longitudinally operating means.

11. The chair of claim 10 further including biasing means for biasing said longitudinally operating means to move so that the engaging means are in the extended position.

12. The chair of claim 11 wherein said biasing means operates on said longitudinal operating means.

13. The chair of claim 12 wherein said biasing means operates on said seat pan.

14. A chair comprising:

    a base;

    a seat plate supported above said base;

    a seat pan slidably mounted to said seat plate so as to be slidable in the longitudinal direction;

    and

    longitudinally operating activating arm for sliding said seat pan in a longitudinal direction with respect to said seat plate.

15. The chair of claim 14 wherein said seat pan comprises a means for receiving said longitudinally operating activating arm.

16. The chair of claim 15 wherein said receiving means comprises a guide channel formed in said seat pan.

17. The chair of claim 16 wherein said guide channel is oriented longitudinally with respect to said chair.
18. The chair of claim 13 further comprising means for locking said seat pan in a fixed longitudinal position relative to said seat plate, said locking means operating in cooperation with said longitudinally operating activating arm.
19. The chair of claim 18 wherein said locking means comprises at least one transversely movable locking pin for engaging said seat plate.
20. The chair of claim 19 wherein said seat plate comprises a plurality of notches and said receiving means is a guide channel comprising at least one aperture, said at least one locking pin having an end and being movable between an extended position wherein said end of said at least one locking pin extends through said at least one aperture to engage at least one of said notches, and a retracted position wherein said end of said at least one locking pin is retracted from said at least one aperture so as not to engage said at least one notch.
21. The chair of claim 18 wherein said longitudinally operating activating arm comprises guide means for guiding the movement of said locking means.
22. The chair of claim 21 wherein said locking means comprises a boss received within said guide means such that said locking means moves in response to movement of said longitudinally operating means.
23. The chair of claim 18 further including biasing means for biasing said longitudinally operating means to move so that said locking means are in an extended position.
24. The chair of claim 23 wherein said biasing means is a spring having first and second opposed ends.

25. The chair of claim 24 wherein said first end of said spring urges against said longitudinal operating means.

26. The chair of claim 25 wherein said second end of said spring urges against said seat pan.